

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--------------------|------------------|---------|------------------|
| L12 | 1 | "0016833" | DERWENT | ADJ | ON | 2008/11/20 14:02 |
| L13 | 1 | "7048723" | DERWENT | ADJ | ON | 2008/11/20 14:02 |
| L14 | 2 | "7048723" | US-PGPUB; USPAT | ADJ | ON | 2008/11/20 14:03 |
| L15 | 3 | "4308697" | DERWENT | ADJ | ON | 2008/11/20 14:06 |
| S1 | 3710 | 422/100.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 11:10 |
| S2 | 292 | S1 and intersect\$ near6 (channel or filament or tube) | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 11:10 |
| S3 | 3710 | 422/100.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 15:05 |
| S4 | 257 | S3 and intersect\$ near6 (\$channel or filament or tube) | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 15:05 |
| S6 | 1445 | microfluidic near6 array | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 15:14 |
| S7 | 556 | S6 and adhesive | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 15:15 |
| S8 | 426 | S6 and adhesive and support | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 15:15 |
| S9 | 110 | S6 and adhesive same support | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 15:15 |
| S10 | 3321 | microfluidic same array | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 15:21 |
| S11 | 171 | S10 and adhesive same support | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 15:21 |
| S12 | 61 | S11 not S9 | US-PGPUB; USPAT | ADJ | ON | 2008/11/10 15:21 |

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| S13 | 97 | "4238757" "4459360" "4623355" "4708931" "4896363" "4914022" "4981653" "5186824" "5252743" "5264565" "5273656" "5302707" "5324633" "5338665" "5362899" "5420328" "5424186" "5432018" "5451683" "5482867" "5491074" "5498530" "5527681" "5540828" "5545531" "5571639" "5578832" "5585275" "5585646" "5593839" "5607691" "5622944" "5624711" "5635597" "5648458" "5654276" "5655560" "5668110" "5677195" "5690894" "5710000" "5723584" "5728802" "5733729" "5739386" "5744305" "5751629" "5759779" "5763175" "5763263" "5767234" "5770456" "5786331" "5811238" "5817751" "5834758" "5843655" "5843767" "5856101" "5874214" "5874219" "5880096" "5885837" "5917016" "5922545" "5925562" "5932433" "5932579" "5945334" "5945522" "5961923" "5968740" "5974164" "5990112" "5993627" "6013440" "6022963" "6025129" "6025601" "6027880" "6027894" "6037186" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 15:23 |
|-----|----|---|---------------------------|-----|----|---------------------|

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|-----|------|--|---------------------------|-----|----|---------------------|
| | | "6060288" "6093302" "6103518" "6129896" "6140135" "6177282" "6210910").PN. OR ("6713309").URPN. | | | | |
| S14 | 56 | ("2190745" "2278339" "3556080" "3802782" "3852035" "3941876" "4031197" "4034601" "4180383" "4205689" "4219530" "4270548" "4276259" "4327073" "4331650").PN. OR ("4459360").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 15:28 |
| S15 | 22 | ("5200051").PN. OR ("6037186").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 15:34 |
| S16 | 38 | ("4116638" "4225575" "4558013" "4567149" "4657869" "4708931" "4743541" "4981653" "5063081" "5082768" "5215716" "5324401" "5405783" "5424186" "5445934" "5451683" "5498324" "5516644" "5552272" "5552322" "5556529" "5605662" "5632957" "5648213" "5763263" "5804384" "5812272" "5814524" "5843767").PN. OR ("6140135").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 15:35 |
| S17 | 1238 | perpendicular near6 (tube or channel or filament) and fluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 15:43 |
| S18 | 756 | perpendicular near6 (tube or channel or filament) and microfluidic and array | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 15:43 |
| S19 | 43 | perpendicular near6 (tube or channel or filament) near6 array and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 15:44 |

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|-----|------|--|------------------------|-----|----|------------------|
| S20 | 36 | stack\$ near6 (tube or channel or filament) near6 array and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 15:46 |
| S21 | 21 | perpendicular near6 (tube or channel or capillary) same stack\$ and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 16:24 |
| S22 | 226 | perpendicular near6 (tube or channel or capillary) same (stack\$ or layer\$) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 16:25 |
| S23 | 181 | perpendicular near4 (tube or channel or capillary) same (stack\$ or layer\$) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 16:26 |
| S24 | 26 | perpendicular near4 (tube or channel or capillary) near5 (stack\$ or layer\$) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 16:26 |
| S25 | 2554 | (tube or channel or capillary) near4 (stack\$ or layer\$) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 16:29 |
| S27 | 3 | (tube or channel or capillary) same (stack\$ or layer\$) same support microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 16:30 |
| S28 | 1370 | (tube or channel or capillary) same support and microfluidic and (adhesive or glue) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 16:32 |
| S29 | 221 | (tube or channel or capillary) same support same (adhesive or glue) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/10 16:32 |
| S30 | 158 | (capillary) same array and support same (adhesive or glue) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:05 |
| S31 | 7 | (capillary) same array same support same (adhesive or glue) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:06 |

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|-----|------|--|---------------------------|-----|----|---------------------|
| S33 | 17 | (capillary) near6 support same (adhesive or glue) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:06 |
| S34 | 46 | (capillary) near6 (support or substrate or base) same (adhesive or glue) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:08 |
| S35 | 1149 | (capillary) near6 (support or substrate or base) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:12 |
| S36 | 804 | (capillary) near4 (support or substrate or base) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:12 |
| S37 | 159 | (capillary) near4 (support or substrate or base) same array and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:12 |
| S38 | 3 | (capillary) near4 (support or substrate or base) same sheet and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:24 |
| S39 | 224 | (capillary or tube or channel) near4 (support or substrate or base) same sheet and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:26 |
| S40 | 1992 | (capillary or tube or channel) near6 ((support or substrate or base) and (sheet or array)) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:28 |
| S41 | 373 | (capillary or tube or channel) near6 ((support or substrate or base) near5 (sheet or array)) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:29 |
| S42 | 256 | (capillary or tube or channel) near4 ((support or substrate or base) near4 (sheet or array)) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:29 |

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|-----|----|--|------------------------|-----|----|------------------|
| S43 | 73 | (capillary or tube or channel) near2 ((support or substrate or base) near2 (sheet or array)) and microfluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:29 |
| S44 | 72 | ("4071409" "4562157" "4690715" "4722896" "4908112" "4973493" "4987032" "5079600" "5096807" "5143854" "5154808" "5160597" "5242828" "5252743" "5294369" "5296114" "5296144" "5304487" "5342692" "5384261" "5405766" "5405783" "5412087" "5429708" "5441876" "5445934" "5472881" "5510270" "5512131" "5512492" "5514501" "5520787" "5571410" "5593838" "5603351" "5605662" "5620850" "5622826" "5624711" "5629213" "5635358" "5637469" "5677195" "5677196" "5681484" "5688642" "5700642" "5719060" "5726026" "5731152" "5744305" "5766908" "5776674" "5837832" "5843767" "5849208" "5858188" "5861242" "5866345" "5919523" "5925552" "5928880" "5942443" "6046056" "6048709").PN. OR ("6576478").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:35 |

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|-----|-----|--|---------------------------|-----|----|---------------------|
| S45 | 76 | microarray near6 (support or substrate or base) same (adhesive or glue) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:42 |
| S46 | 723 | (capillary or tube or channel) near6 microarray | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:44 |
| S47 | 447 | (capillary or tube or channel) near3 microarray | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:49 |
| S48 | 115 | (capillary or tube or channel) near3 microarray and (substrate or base or support) and (adhesive or glue) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:49 |
| S49 | 129 | (capillary or tube or channel) near3 microarray same (substrate or base or support) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:54 |
| S50 | 53 | (capillary) near3 microarray same (substrate or base or support) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:54 |
| S51 | 85 | (tube or channel) near3 microarray same (substrate or base or support) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 08:57 |
| S57 | 19 | plurality near4 (channel or capillary) near3 (support or base or substrate) near5 adhesive | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 09:23 |
| S59 | 15 | perpendicular capillary array | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 09:30 |
| S62 | 73 | overla\$ (capillary or tube or channel) and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 09:33 |
| S65 | 96 | overlap\$ near4 (capillary or tube or channel) same perpendicular and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 09:35 |
| S66 | 4 | crossover near4 (capillary or tube or channel) same perpendicular and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 09:40 |

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|-----|------|--|------------------------|-----|----|------------------|
| S67 | 13 | ("3979637" "5534328" "5595712" "5846708" "5858195" "5863502" "5867266" "5872010" "5872623" "6143248" "6191852" "6210910" "6485690").PN. OR ("7361314").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 09:42 |
| S68 | 133 | ("1662870" "3701619" "4053969" "4222671" "4365178" "4383008" "4390351" "4534659" "4573067" "4869849" "4894709" "4908112" "5177398" "5209906" "5214086" "5234741").PN. OR ("5534328").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 09:44 |
| S69 | 1039 | microfluidic near5 (support or base or substrate) and adhesive | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 11:22 |
| S70 | 218 | microfluidic near5 (support or base or substrate) same adhesive | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 11:22 |
| S71 | 39 | microfluidic near5 (support or base or substrate) near5 adhesive | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 11:22 |
| S72 | 349 | microfluidic same (support or base or substrate) same adhesive same (tube or filament or channel) | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 11:25 |
| S73 | 133 | microfluidic near5 (support or base or substrate) same adhesive same (tube or filament or channel) | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 11:25 |
| S74 | 21 | microfluidic near5 (support or base or substrate) same adhesive same (tube or filament or capillary) | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 11:58 |

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|-----|------|--|----------------------|-----|----|---------------------|
| S75 | 134 | microfluidic near5 (support or base or substrate) same (tube or filament or capillary) same (plurality or array) | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 12:10 |
| S76 | 23 | microfluidic near5 (support or base or substrate) same (tube near5 capillary) same (glue or adhesive or attach\$) | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 12:16 |
| S78 | 4 | microfluidic near5 (support or base or substrate) same adhesive same (tube or filament or capillary) | EPO; JPO; DERWENT | ADJ | ON | 2008/11/12 12:23 |
| S79 | 17 | microfluidic near5 (support or base or substrate) same (tube or filament) | EPO; JPO; DERWENT | ADJ | ON | 2008/11/12 12:25 |
| S80 | 3087 | (support or base or substrate) same (tube or filament) same (glue or adhesive) | EPO; JPO; DERWENT | ADJ | ON | 2008/11/12 12:27 |
| S81 | 10 | (support or base or substrate) same (tube or filament) same (glue or adhesive) and microfluidic | EPO; JPO; DERWENT | ADJ | ON | 2008/11/12 12:27 |
| S82 | 5622 | (capillary or tube) near3 (attach\$ or glue\$ or bound) near3 (substrate or base or support) | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 12:40 |
| S83 | 38 | (capillary or tube) near2 (attach\$ or glue\$ or bound) near2 (substrate or base or support) and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 12:41 |

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|-----|------|---|---------------------------|-----|----|---------------------|
| S84 | 39 | ("5150969" "5194133" "5258097" "5291066" "5293877" "5469855" "5511428" "5576147" "5585069" "5639423" "5640995" "5726026" "5800690" "5824204" "5839722" "5867266" "5876582" "5882571" "5903041" "6048734" "6136212" "6167910" "6193471" "6254827" "6280590" "6326160" "6349740" "6386219" "6392144" "6454924" "6458615").PN. OR ("6632400").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 12:44 |
| S85 | 59 | (capillary or tube) near2 (attach\$ or glue\$ or bound) near2 (chip or substrate or base or support) and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 13:02 |
| S86 | 45 | microfluidic near2 array near2 substrate | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 14:48 |
| S87 | 8 | capillary near2 immobilized near2 substrate | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 14:53 |
| S88 | 37 | (capillary or tube or filament) near3 immobilized near4 substrate | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 14:54 |
| S89 | 174 | (capillary or tube or filament) near3 immobilize\$ near4 (substrate or base or support) | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 14:56 |
| S90 | 11 | (capillary or tube or filament) near3 immobilize\$ near4 (substrate or base or support) and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 14:56 |
| S91 | 1115 | microarray near3 support | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 15:38 |

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|-----|-----|--|---------------------------|-----|----|---------------------|
| S92 | 49 | microarray near3 support and microfluidic and adhesive | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 15:38 |
| S93 | 162 | capillary tube same (bond\$ or bound or glue\$ or adhesive or fix) near4 (substrate or base or support) | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 15:53 |
| S94 | 26 | capillary tube same (bond\$ or bound or glue\$ or adhesive or fix) near4 (substrate or base or support) and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 15:53 |
| S95 | 43 | ("3243207" "4043883" "4836888" "4908112" "5376252" "5391269" "5443890" "5500270" "5565084" "5614076" "5681448").PN. OR ("5890745").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 15:57 |
| S96 | 41 | ("5516703" "5688648" "5707804" "5719060" "5720923" "5728528" "5785926" "5846727" "5853992" "5869225" "5897842" "5948227" "5958694" "5965410" "5976336" "6028190" "6042710" "6068752" "6071748" "6097025" "6107044" "6124137" "6153073" "6174675" "6187267" "6225047" "6235175" "6235471" "6267858" "6274337" "6287774" "6290995" "6297018" "6303343" "6306590" "6306659" "6310687" "6316201" "6326605" "6489112" "6927045").PN. OR ("7138254").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 16:12 |

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| S97 | 17 | ("20020018998" "5234809" "5455175" "5498392" "5560811" "5720923" "5785926" "5840573" "5846727" "5897842" "5927547" "6033880" "6225061").PN. OR ("6489112").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/12 16:18 |
| S98 | 3 | intersect\$ microchannel array | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 16:34 |
| S99 | 5 | intersect\$ near3 microchannel near4 array | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 16:35 |
| S100 | 55 | intersect\$ near3 channel near4 array and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 16:36 |
| S101 | 0 | wo 01/08799 | DERWENT | ADJ | ON | 2008/11/13 07:42 |
| S102 | 1 | wo "0108799" | DERWENT | ADJ | ON | 2008/11/13 07:42 |
| S103 | 38 | ("4116638" "4225575" "4558013" "4567149" "4657869" "4708931" "4743541" "4981653" "5063081" "5082768" "5215716" "5324401" "5405783" "5424186" "5445934" "5451683" "5498324" "5516644" "5552272" "5552322" "5556529" "5605662" "5632957" "5648213" "5763263" "5804384" "5812272" "5814524" "5843767").PN. OR ("6140135").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/13 08:13 |
| S105 | 85 | kawazoe, hiroshi.in. | US-PGPUB; USPAT | ADJ | ON | 2008/11/13 08:27 |
| S107 | 120 | kawazoe, hiroshi.in. or nakaso, akishi.in. or arike, shigeharu.in. | US-PGPUB; USPAT | ADJ | ON | 2008/11/13 08:28 |
| S108 | 1 | "6423536".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/11/13 08:53 |

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|------|----|--|---------------------------|-----|----|---------------------|
| S109 | 4 | "09577199" | US-PGPUB; USPAT | ADJ | ON | 2008/11/13 10:00 |
| S110 | 1 | "20020068299" | US-PGPUB; USPAT | ADJ | ON | 2008/11/13 11:02 |
| S111 | 0 | "10010684" | US-PGPUB; USPAT | ADJ | ON | 2008/11/13 11:02 |
| S112 | 2 | 10/010684 | US-PGPUB; USPAT | ADJ | ON | 2008/11/13 11:03 |
| S113 | 6 | ("20030179980" "5076656" "5204925" "6537480" "6743196" "6785562").PN. OR ("7043107").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/17 16:05 |
| S114 | 43 | ("3243207" "4043883" "4836888" "4908112" "5376252" "5391269" "5443890" "5500270" "5565084" "5614076" "5681448").PN. OR ("5890745").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/17 16:37 |
| S115 | 45 | (orthogonal or perpendicular or right angle) near5 (tube or capillary) and (microfluidic or microarray) | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 07:23 |
| S116 | 51 | (orthogonal or perpendicular or right angle) near5 (tube or capillary) and (microfluidic or microarray) | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 07:36 |
| S118 | 28 | (orthogonal or perpendicular or right angle or cross near2 over or overlap\$) near5 (tube or capillary) and (microfluidic or microarray) not S116 | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 07:38 |

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|------|-----|--|--------------------|-----|----|---------------------|
| S119 | 633 | (orthogonal or perpendicular or right angle or cross near2 over or overlap\$ or intersect\$) near5 (tube or capillary or channel) and (microfluidic or microarray) not S116 not S118 | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 07:43 |
| S120 | 454 | (orthogonal or perpendicular or right angle or cross near2 over or overlap\$) near5 (tube or capillary or channel) and (microfluidic or microarray) not S116 not S118 | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 07:44 |
| S121 | 454 | (orthogonal or perpendicular or right angle or cross near2 over or overlap\$) near5 (channel) and (microfluidic or microarray) not S116 not S118 | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 07:44 |
| S122 | 466 | (orthogonal or perpendicular or right angle or cross near2 over or overlap\$) near5 (channel) and (microfluidic or microarray) | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 07:44 |
| S123 | 157 | (orthogonal or perpendicular or right angle or cross near2 over or overlap\$) near5 (channel) and (microfluidic or microarray) and adhesive | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 07:44 |

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|------|----|---|---------------------------|-----|----|---------------------|
| S124 | 56 | "4447546" "4503012" "4668636" "4682710" "4691850" "4810658" "4822746" "4974927" "5114864" "5143853" "5192510" "5202231" "5219726" "5244636" "5244813" "5250264" "5252494" "5254477" "5298741" "5320808" "5320814" "5341962" "5429807" "5512490" "5525464" "5530779" "5532129" "5565322" "5585069" "5599695" "5605662" "5632957" "5633972" "5661028" "5675151" "5677195" "5700897" "5744305" "5787032" "5807522" "5814524" "5843651" "5863502" "6023540" "6060288" "6078705" "6146593").PN. OR ("6573089").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/18 08:39 |
| S125 | 6 | (orthogonal or perpendicular or right angle or cross near2 over or overlap\$) near5 (hollow near4 (filament or fiber)) and (microfluidic or microarray) not S116 not S118 | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 09:08 |
| S126 | 10 | ("4649111" "5486126" "5753227" "5786216" "5843767" "6037186" "6071702" "6129896" "6183970" "6846635").PN. OR ("7122378").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/18 09:25 |

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|------|-----|--|------------------------|-----|----|------------------|
| S127 | 335 | (cross) near5 (tube or capillary or hollow) and (microfluidic or microarray) | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 09:36 |
| S128 | 144 | (cross) near5 (tube or capillary or hollow) and (microfluidic or microarray) and adhesive | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 09:36 |
| S129 | 97 | ("4238757" "4459360" "4623355" "4708931" "4896363" "4914022" "4981653" "5186824" "5252743" "5264565" "5273656" "5302707" "5324633" "5338665" "5362899" "5420328" "5424186" "5432018" "5451683" "5482867" "5491074" "5498530" "5527681" "5540828" "5545531" "5571639" "5578832" "5585275" "5585646" "5593839" "5607691" "5622944" "5624711" "5635597" "5648458" "5654276" "5655560" "5668110" "5677195" "5690894" "5710000" "5723584" "5728802" "5733729" "5739386" "5744305" "5751629" "5759779" "5763175" "5763263" "5767234" "5770456" "5786331" "5811238" "5817751" "5834758" "5843655" "5843767" "5856101" "5874214" "5874219" "5880096" "5885837" "5917016" "5922545" "5925562" "5932433" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/18 09:38 |

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|------|-----|--|--------------------|-----|----|---------------------|
| | | "5932579" "5945334" "5945522" "5961923" "5968740" "5974164" "5990112" "5993627" "6013440" "6022963" "6025129" "6025601" "6027880" "6027894" "6037186" "6060288" "6093302" "6103518" "6129896" "6140135" "6177282" "6210910").PN. OR ("6713309").URPN. | | | | |
| S130 | 14 | intersecting near2 (capillar\$ or tube) and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 16:04 |
| S131 | 591 | (intersect\$ or cross\$ or overlap\$) near2 (capillar\$ or tube) and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 16:11 |
| S133 | 215 | S131 and (adhesive or glue) | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 16:12 |
| S134 | 148 | (intersect\$ or overlap\$) near2 (capillar\$ or tube) and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 16:13 |
| S135 | 8 | layered near3 (tube) and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 16:16 |

11/20/2008 2:42:46 PM

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Microfluidic system support and manufacturing method.wsp